

# FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

DATE: 10/25/93 CERTIFICATE OF ANALYSIS

RIVERTON CITY CORP.  
P.O. BOX 429  
RIVERTON, UTAH  
84065

93-235090

SAMPLE: DRINKING WATER SAMPLE COLLECTED 10-4-93, 9:40 AM BY DUANE  
RECEIVED 10-4-93 FOR ANALYSIS.  
HAMILTON WELL

59-1189

N 113 W 780 54  
35 1W 32

	Results	Method Detection Limit
Alkalinity CaCO3 mg/l EPA310.1	225 ✓	.50
Antimony Sb mg/l EPA 204.2	.001	.0005
Arsenic As mg/l EPA 200.9 (1)	.004 ✓	.0007
Barium Ba mg/l EPA 200.7	.112 ✓	.0025
Beryllium Be mg/l EPA 200.7	ND	.00030
Bicarb. HCO3 mg/l SM4500-CO2D	271 ✓	.1
Cadmium Cd mg/l EPA 200.7	ND ✓	.0010
Calcium Ca mg/l EPA 200.7	213 ✓	.100
Carbon Dioxide CO2 mg/l SM4500-	2.9 ✓	.01
Carbonate CO3 mg/l SM4500-CO2D	1.9 ✓	.10
Carbonate Solids mg/l	135	.30
Chloride Cl mg/l EPA 300	294 ✓	.50
Chromium Cr mg/l EPA 200.7	.004 ✓	.0025
Cond. umhos/cm EPA 120.1	1570	.1
Copper Cu mg/l EPA 220.1	ND ✓	.007
Cyanide Cn tot. mg/l EPA 335.2	ND	.050

All reports are submitted as the confidential property of clients. Authorization for publication of our reports, conclusions, or, extracts from or regarding them, is reserved pending our written approval as a mutual protection to clients, the public and ourselves.

93-235090

	Results	Method Detection Limit
=====	=====	=====
Fluoride, F mg/l EPA 300	.1 ✓	.05
Hardness, CaCO <sub>3</sub> mg/l EPA 242	980 ✓	1.0
Hydrox. as OH mg/l SM4500-CO <sub>2</sub> D	ND ✓	.10
Iron Fe mg/l EPA 236.1	.038 ✓	.010
Lead Pb mg/l EPA 239.2	ND ✓	.0007
Magnesium Mg mg/l EPA 200.7	109 ✓	.100
Manganese Mn mg/l EPA 243.1	ND ✓	.0050
Mercury, Hg mg/l EPA 245.1	ND ✓	.0002
Nickel Ni mg/l EPA 249.2 (1)	<.002 ✓	.0002
Nitrate NO <sub>3</sub> -N mg/l EPA 300	2.72 ✓	.01
Nitrite NO <sub>2</sub> -N mg/l EPA 354	ND ✓	.01
Phosphorus Tot P mg/l EPA 365.	ND ✓	.10
Potassium K mg/l EPA 200.7	22.6 ✓	.16
Selenium Se mg/l EPA 270.2 (1)	.001 ✓	.0005
Silver Ag mg/l EPA 272.1	ND ✓	.0012
Sodium Na mg/l EPA 200.7	387 ✓	.500
Sulfate SO <sub>4</sub> mg/l EPA 300	132 ✓	.5
<del>Susp. Solids mg/l EPA 160.2</del>	ND	1.0
<del>Thallium Tl mg/l EPA 279.2</del>	ND	.0005
Tot.Dis.Solids mg/l EPA 160.1	1110 ✓	10.0
Turbidity NTU EPA 180.1	ND ✓	.50

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CERTIFICATE OF ANALYSIS

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	Results	Method Detection Limit
Zinc Zn mg/l EPA 289.1	.023✓	.0045
pH Units EPA 150.1	7.4 ✓	

  
FORD ANALYTICAL LABORATORIES

\* ND - INDICATES NONE DETECTED \*

\*\* &lt; - INDICATES THE SMALLEST QUANTITY DETECTABLE DUE TO REQUIRED DILUTION \*\*

(1) ESTIMATED QUANTITY, ELEMENT DETECTED IN LAB BLANK.